Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Tuesday 12 Jan 2021 until 23:59 on Wednesday 13 Jan 2021

Forecast Issued on Tuesday 12 Jan 2021 at 02:53

Confidence: High for wet weather at times over the coming days but moderate for timing of rainfall.

Headline for Tuesday 12 Jan 2021: A largely dry and fine day.

Mountain weather hazards on Tuesday 12 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Sunny	Sunny	Sunny	Cloudy	Cloudy
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Tuesday 12 Jan 2021

Weather: A dry and sunny day.

Chance of cloud free mountain/hill tops above 800m: 90%

Visibility: Good

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Forecast for Tuesday 12 Jan 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	30/34 NE	23/27 NE	12/15 N	8/10 N	6/8 NW	6/8 W	8/11 SW
600	19/26 NE	14/19 N	7/11 NW	5/7 N	4/6 NW	5/7 W	7/10 SW
300	5/21 N	4/15 N	4/12 N	2/7 NW	2/6 NW	2/6 W	2/8 SW
Valley	7/24 N	2/11 N	3/9 NW	3/6 NW	2/5 NW	2/4 SE	2/5 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-3/-12	-3/-11	-4/-9	-3/-7	-3/-7	-3/-7	-3/-7
600	-2/-9	-2/-8	-2/-6	-2/-4	-2/-4	-2/-5	-1/-5
300	-0/-3	-1/-3	1/-1	0/-1	-1/-3	-1/-2	-0/-2
Valley	2/-1	1/-0	3/2	3/2	2/-0	1/-0	2/0
Freezing Level*	200m	100m	200m	200m	200m	100m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold, particularly at height, despite the sunshine.

Forecast for Wednesday 13 Jan 2021

Weather: A band of rain, heavy at times, will push in from the west during the early hours, with the chance of some sleet and snow at first. This will be accompanied by low cloud throughout.

Maximum wind: Westerly 10-15 gust 20-25 mph

Chance of cloud free mountain/hill tops above 800m: 10-20%

Visibility: Moderate at low levels but poor in low cloud, bases 300-500m.

Temperature: **Valleys:** Minus 2 rising to plus 4 Celsius
At 800m: Plus 3 Celsius
Freezing level: 200m at first, rising above summits

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved

Mountain Weather Forecast

Ground Conditions Supplement

Date: Monday 11 January Location: Helvellyn summit at 13:15 Full report: We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should stay at home and exercise locally to where they live. A day of gale force winds and rain at all levels with the remaining snowpack continuing to rapidly thaw. The snow level is currently around 500m with the depth increasing with altitude. The large areas of ice which exist on many paths above this height are proving very resistant to the thaw and microspikes are still very useful for anyone going above the snowline. Away from the popular paths the snow pack is now very soft & wet making heavy & insecure going. In places it has drifted up to 1m deep. Striding & Swirral Edges are both still buried in soft & saturated snow which is covering a surprising amount of ice. The ridge crest gave the easiest route today as the easier paths on the flanks were still banked out. Crampons & an ice axe were essential for a safe climb and descent today. Up on the Helvellyn plateau there are large areas of ice and snow meaning that navigation in poor visibility is very tricky as paths and features are often obscured. The cornices that have formed above N through E aspects are slumping & cracking and are incredibly unstable. There was evidence of several small slides probably triggered by cornice collapse. Please give them a wide berth and advise others with less experience likewise. A slight drop in temperature will quickly refreeze the saturated snowpack giving very serious conditions for those without the appropriate skills and equipment. Full winter clothing (waterproofs, extra warm layers, hat & gloves), mountain boots and equipment (torch, map, compass, whistle & survival bag) are all essential for anyone going out onto the fells. For those venturing above the snowline onto steeper and more exposed terrain, like the Helvellyn Edges, an ice axe and crampons are essential. For lower easier angled terrain and icy paths microspikes and poles are extremely useful. Goggles are also recommended to enable you to navigate in windy conditions. Please be conservative with your plans and know your limits. Temperature: plus 2.8 C Maximum wind speed 72.4 mph Wind chill: minus 8.2 C Average wind speed: 48.2 mph

Issued at: 02:53 on Tue 12 Jan 2021

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
(C) Crown Copyright 2021. All Rights Reserved